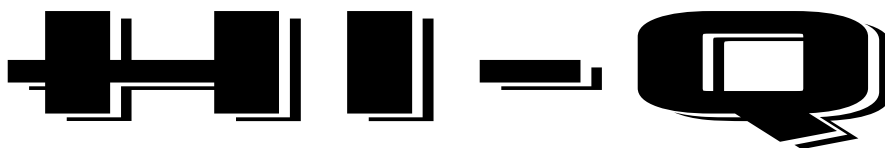




Journal of the Lakehead Amateur Radio Club



Thunder Bay, Ontario

Volume 85

November 2019

Issue 9

Monthly meeting is this Thursday at 1900 hours in the 55 Plus Centre - 700 River St.

Coming up at this month's meeting:

John Plumridge VE3FMT will talk about the Maxx-track radio, a full band coverage synthesizer transceiver. After our social break we will get an update on the repeaters, and lots has been happening with ARES - Last week 7 municipalities across NW Ontario activated their EOCs and used amateur radio to communicate to each other. We also plan to talk about getting t-shirts and other items of clothing.

de VE3RRP

The beginning of the long dash:

Happy 80th anniversary to CBC Radio's longest running segment

In the 1930s, it helped sailors properly set their instruments for navigation. It allowed railway companies to be punctual, and helped Canadians set their watches with precision every day. To many, the National Research Council official time signal is a fixture of Canadian society. And on Nov. 5, the longest running segment on CBC Radio turns 80 years old.

-- See the interesting article at:

<https://www.cbc.ca/radio/day6>

-via RAC

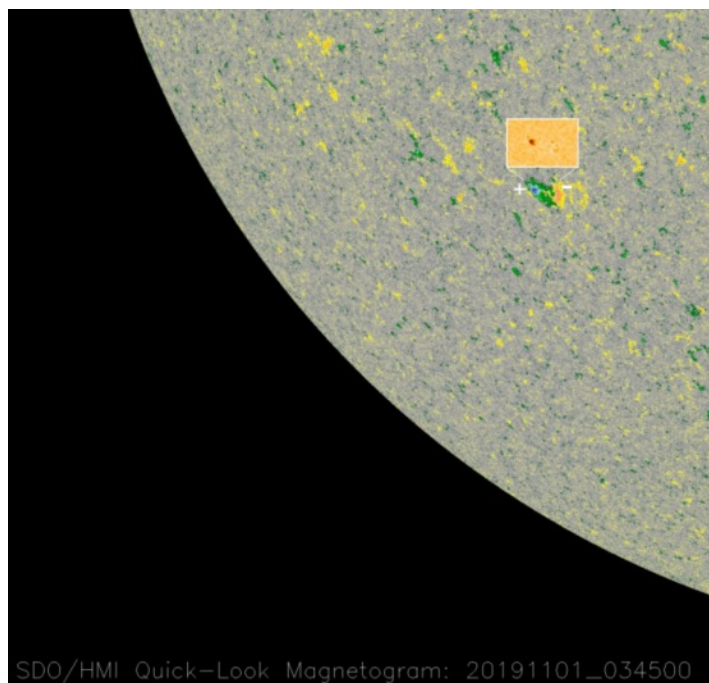
Minutes of the Lakehead Amateur Radio Club

Date: October 12, 2019

No meeting was held.

Next Executive Meeting: November 7, 2019, 7 PM, 55+

Next LARC Meeting: November 14, 2019, 7 PM, 55+ Centre



THE NEW CYCLE HAS BEGUN!

Nov. 1, 2019: Breaking a string of 28 spotless days, a new sunspot (AR2750) is emerging in the sun's southern hemisphere—and it's a member of the next solar cycle. A picture of the sunspot is inset in this magnetic map of the sun's surface from NASA's Solar Dynamics Observatory:

-spaceweather.com

Our History

Doug McCormack VE3EFC

LARC 25 years ago this month...

<http://ve3efc.ca/larc/larc19941001.pdf>

LARC 50 years ago this month...

<http://ve3efc.ca/larc/larc19691001.pdf>

LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Laurie Bridgett VE3BCD
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President: Randy Gottfred VA3OJ

VP: Bob Hansen VE3RVA

Treasurer: Karl Hamilton VE3RRP

Secretary: Karl Hamilton VE3RRP

Board Member: Ed Baumann VE3SNW

Board Member: Mark Vaillant VA3MVR

Board Member: Mike Skillen VE3EDX

Board Member: John Plumridge
VE3FMT

LARC Emergency Coordinator

Brad Harris VE3MXJ

ARES Amethyst District

Emergency Coordinator

Warren Paulson, VE3FYN

CANWARN

VA3JMS John 767-3631

VE3RRP Karl

Public Service Events

VA3TBA Chris Chadwick

Accredited Examiners

VE3FAL Fred Lesnick 577-0789

flesnick@tbaytel.net

VE3VAI Lori Bedford (807) 630-

2019

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

Amethyst District ARES

Providing emergency communications for Northwestern Ontario

Emergency Coordinators

Atikokan: Warren Paulson, VE3FYN (ARES DEC, Amethyst District)

Sioux Narrows: Woody Linton, VE3JJA

Fort Frances: Rod Davis, VE3RYD (ARES EC, Fort Frances & area)

Kenora: Chris Bigelow, VA3ECO (ARES EC, Kenora & area)

Dryden: Bob Ernewein,, VE3YDN

Thunder Bay: Brad Harris, VE3MXJ (ARES EC, Thunder Bay & area)

Nets and Exercises

We conduct an open weekly HF net on 80 and 40 metres. The purpose of this net is to monitor regional propagation conditions, share information, and practice net procedures.

Time: Wednesdays at 21:30 UTC (4:30 pm EST, 3:30 pm CST)

Frequency: Primary 3.675 MHz LSB, Secondary 7.135 MHz LSB

<http://www.ve3rib.ca/nwoares>

LARC OPEN ACCESS REPEATERS

VE3YQT (Mount Baldy) 147.060 (-600)

VE3TBR (St. Joseph's) 146.820 pl 107.2

VE3BGA (Loch Lomond) 147.390, PL Tone 107

442.075 (+5 MHz) pl 100

144.390 APRS

JOTA at VE3SAO

Some photos taken at the Scouts Jamboree on the Air (JOTA). The JOTA was held at VE3SAO on Saturday October 19th. We made contact with Scouts in USA, Netherlands, Luxembourg and England.

Doug McCormack VE3EFC



Lakehead Amateur Radio Club

October 2019 Treasurers Report

Opening Balance October 1, 2019 \$3,522.66

Income

Total Income \$0.00

Expenses

Total Expenses \$0.00

Closing Balance October 31, 2019 \$3,522.66

<u>Trailer Account</u>	
	Previous Balance 928.18
<u>Income</u>	
Interest September	\$0.04
Total	\$928.22
<u>Expenses</u>	
Total Expenses:	\$0.00
	Balance in Trailer Account \$928.22

Term Account

Opening Balance October 01, 2019 \$2,067.79
Interest \$0.42

Closing Balance October 31, 2019 \$2,068.21

Karl Hamilton VE3RRP
Treasurer

LINKS OF INTEREST BY JAN AND AL

<https://timesofindia.indiatimes.com/city/ahmedabad/study-suns-magnetic-field-is-weakening/articleshow/71471608.cms>

<https://spaceweather.com/archive.php?view=1&day=06&month=10&year=2019>

<http://bit.ly/SARC19NovDec>

Russian OTH Radar Now Reported to be “Everywhere”

11/12/2019 via ARRL

The latest International Amateur Radio Union Region 1 Monitoring System (IARUMS) newsletter reports the Russian “Contayner” over-the-horizon radar (OTHR) has been active in the 7, 10, 14, and 18 MHz amateur radio allocations (amateur radio is primary on 40 and 20 meters). The OTHR transmissions have been 40 sweeps/second, FM on pulse, and 12 kHz wide. Additionally, IARUMS reports a significant increase in Russian military traffic using F1B, PSK, and orthogonal frequency division multiplex (OFDM) on 40, 30, 20, and 15 meters.

Access to 60 Meters Continues to Expand

11/11/2019 via ARRL

According to the latest edition of The 5 MHz Newsletter, regulatory agencies in an expanding list of countries have granted amateur radio access to a 60-meter band.

A secondary allocation of 5.351.5 – 5.366.5 MHz was released to radio amateurs in Kuwait, where they will adhere to the World Radiocommunication Conference 2015 (WRC-15) allocation, permitting a maximum power of 15 W EIRP. Indonesian and Greek hams recently gained access to the same allocation.

Meanwhile, Israel has extended authorization of 5 MHz amateur permits to the end of December and added a Channel 0 to the existing eight channels, where hams may run 100 W PEP on several modes, depending upon the channel.

Still under discussion is ham radio access to a 5 MHz secondary band in Australia, where the band is used by some emergency services and law enforcement. Nearly 80 countries offer some level of amateur access to the 5 MHz band.

In the US, ARRL petitioned the FCC shortly after WRC-15 to allocate a secondary 60-meter band and to permit 100 W PEP, as already authorized on the existing channels there.

W1AW to Commemorate 98th Anniversary of First Amateur Radio Signals to Span the Atlantic

11/06/2019 via ARRL

December 11 marks the 98th anniversary of the success of ARRL’s Transatlantic Tests in 1921, organized to see if low-power amateur radio stations could be heard across the Atlantic using shortwave frequencies (i.e., above 200 meters). On that day, a message transmitted by a group of Radio Club of America members at 1BCG in Greenwich, Connecticut, was copied by Paul Godley, 2ZE, in Scotland.

While the first two-way contact would not take place until 1923, the 1921 transatlantic success marked the beginning of what would become routine communication between US radio amateurs and those in other parts of the world — literally the birth of DX.

To commemorate this amateur radio milestone, Maxim Memorial Station W1AW will be on the air through the day on December 11 with volunteer operators. The goal is to encourage contacts between radio amateurs in the US and Europe while showcasing the significance of the transmissions that pioneered global communication and laid the groundwork for technology widely used today. The event will run from 1300 until 0000 UTC. Some details are still being worked out, but operation will focus on 40 and 20 meters (SSB).

Contact Clark Burgard, N1BCG, for more information.



November 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11 Remembrance Day 	12	13	14 LARC Meeting at 55+ Centre 700 River St. Thunder Bay,	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	